

**Abstract**

The present invention relates to a device and a method for determining the properties of surfaces having at least one first radiation means for collimated irradiation of a measurement surface to be examined and at least one second radiation means for non-collimated irradiation of said measurement surface wherein the space above said measurement surface has substantially radiation-absorbing properties.

The device of the invention further comprises at least one radiation detector means which captures at least a portion of the radiation reflected and/or diffused off the surface to be examined and emits at least one measurement signal which is characteristic of the reflected and/or diffused radiation.

FIG. 1